COMBINED DECLARATION FOR PATENT APPLICATION	N AND POWER OF ATTORNEY
COMBINED DECLARATION FOR PATENT ATTEMPT ATTEMP	
	Patent and Trademark Office
	ji.

01

ATTORNEY DOCKET NO.: 053785-5043 As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ETCHANT AND ARRAY SUBSTRATE HAVING COPPER LINES ETCHED BY THE ETCHANT The specification of which: amached hereto; or was filed as United States application Serial No. _____ on ____ and was amended on _____ (if applicable); or was filed as PCT international application Number ______ on _____ and was amended under PCT Article 19 (if applicable) I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. Lacknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56. I hereby claim foreign priority benefits under Title 35. United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate or §365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed: PRIOR FOREIGN APPLICATION(S): PRIORITY CLAIMED DATE OF FILING COUNTRY APPLICATION NUMBER (day, month, year) (if PCT, indicate PCT) [x] Yos 20 December 2000 2000-79355 Korea [] Yes []Yes [] Yes

I-WA/1716775 1

ABANDONED

70.25

Com	bined Declaration For Patent Application and Power of Attorney - (Continued) (includes Reference to PCT International Applications) ATTORNEY DOCKET NO.: 053785-5043
I hereby claim the benefits under Title 35, United States Co	de §119(e) of any United States provisional application(s) listed below.
U.S. PRO	VISIONAL APPLICATIONS
U.S. PROVISIONAL APPLICATION NO.	U.S. FILING DATE
application(s) designating the United States of America that this application is not disclosed in that/those prior application Code, §112, I acknowledge the duty to disclose to the U.S. patentability of claims presented in this application in accoravailable between the filing date of the prior application(s)	de, §120 of any United States application(s) or §365(e) of any PCT international tis/are listed below and, insofar as the subject matter of each of the claims of on(s) in the manner provided by the first paragraph of Title 35, United States Patent and Trademark Office all information known to me to be material to the redance with Title 37, Code of Federal Regulations, §1.56 which became and the national or PCT international filing date of this application:
PRIOR U.S. APPLICATIONS OR PCT INTERNATION U.S. APPLICATIONS	AL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT
THE ADDITION TO SE	STATUS (Check One)

01

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.

U.S. FILING DATE

PATENTED

PENDING

Customer Number: 009629

U.S. APPLICATION NO.

Direct Telephone Calls To:

202-467-7501

Combined Declaration For Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)
ATTORNEY DOCKET NO.: 053785-5043

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are believed to be true; and further that these statements were made with the knowledge that willful false statements are imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

01

FULL NAME OF FIRST INVENTOR	Gyoo-Chul JO	
RESIDENCE & CITIZENSHIP	Gyeonggi-do, Republic of Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	512-901, Gaya APT., 1155, Sanbon-dong, Gunpo-si, Gyeonggi-	do, 435-040, Republic of Korea
FIRST INVENTOR'S SIGN	ATURE	DATE
FIRST INVENTOR'S SIGN	To Gy oo Chul	>00/. /2 / 10
FULL NAME OF SECOND INVENTOR	Ki-Sung CHAE	
RESIDENCE & CITIZENSHIP	Gyeonggi-do, Republic of Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	533, Hogye-dong, Dongan-gu, Annyang-si, Gyconggi-do, 431-6	080, Republic of Korea
SECOND INVENTOR'S SI	GNATURE	DATE

Listing of Inventors Continued on attached page(s) [] Yes [X] No

01



COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

		ATTO	DRNEY DOCKET NO.: 053785-5043
As a below named inventor, I here	by declare that:		
My residence, post office address r	and citizenship are as stated below ne	xt to my name,	· ! · .
I believe I am the original, first and are listed below) of the subject ma	d sole inventor (if only one name is li tter which is claimed and for which a	sted below) or an original, fire patent is sought on the invent	st and joint inventor (if plural names ion entitled:
~	ETCHANT AND ARRAY S COPPER LINES ETCHEI		-
The specification of which:			:
is attached hereto; or			
was filed as United States applicat	ion Serial No on	and was amended o	n(if applicable); or
was filed as PCT international app on(if applica	lication Number on ble).	and was amended under	r PCT Article 19
I hereby state that I have reviewed any amendment referred to above.	and understand the contents of the ab	ove-identified specification, i	ncluding the claims, as amended by
	to the U.S. Patent and Trademark Of ordance with Title 37, Code of Federa		erial to the patentability of claims
or inventor's certificate or §365(a) America listed below and have also application(s) designating at least of	efits under Title 35, United States Co of any PCT international application(o identified below any foreign applica- one country other than the United Sta- ation(s) of which priority is claimed:	(s) designating at least one countion(s) for patent or inventor; tes of America filed by me on	intry other than the United States of secrificate or any PCT international
			1
•			
	PRIOR FOREIGN AF	PPLICATION(S):	
COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
Korea	2000-79355	20 December 2000	[x] Yes
			[] Yes
			[] Yes
			[]Yes

	Combined De	claration For Patent Ap (include	s Reference to PCT In	f Attorney - (Continued ternational Applications CKET NO.: 053785-504)
I hereby claim the benefits under Title	e 35, United States Code §119	(e) of any United States	provisional application	on(s) listed below.	_
	U.S. PROVISION	AL APPLICATIONS		1	
U.S. PROVISIONAL APP	LICATION NO.		U.S. FILING DATE		_
					ļ
					-
				:	_
application(s) designating the United unsupplication is not disclosed in the Code, §112, I acknowledge the duty the patentability of claims presented in the available between the filing date of the PRIOR U.S. APPLICATIONS OR	at/those prior application(s) in to disclose to the U.S. Patent an his application in accordance we he prior application(s) and the	the manner provided by nd Trademark Office all vith Title 37, Code of Fe national or PCT internal	the first paragraph of information known to deral Regulations, §1. ional filing date of this	Title 35, United States to me to be material to the S6 which became is application:	
U.S. APPLICA	TIONS		STATUS (Check One	۵)	
IJ.S. APPLICATION NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED	L
25. AFFLICATION NO.	U.S.TILENO DATE	- Internet	7.51(5)(10		-
	·		<u> </u>	!	_
				1	_
					L
POWER OF ATTORNEY: As a mi included in the Customer Number profince connected therewith, and direct Customer Number: 009629 Direct Telephone Calls To:	ovided below to prosecute this	application and to trans ddressed to that Custom	act all business in the	is & Bockius LLP Patent and Trademark	

01



Combined Declaration For Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)
ATTORNEY DOCKET NO.: 053785-5043

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF FIRST INVENTOR	Gyoo-Chul JO	
RESIDENCE & CITIZENSHIP	Gyeonggi-do, Republic of Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	512-901, Gaya APT., 1155, Sanbon-dong, Gunpo-si, Gyeon,	ggi-da, 435-040, Republic of Korea
PIRST INVENTOR'S SIGN	ATURE	DATE
FULL NAME OF	Ki-Sung CHAE	
RESIDENCE & CITIZENSHIP	Gyeonggi-do, Republic of Korea	COUNTRY OF CITIZENSHIP Republic of Korea
POST OFFICE ADDRESS	533, Hogye-dong, Dongan-gu, Annyang-si, Gyeonggi-do, 4.	3)-080, Republic of Korea
SECOND INVENTOR'S ST	GNATURE	DATE
SECOND III CON	Ki-Suny CHAE	2001.12,11
	Α	.

Listing of Inventors Continued on attached page(s) [1] Yes [X] No